

FEL Family Emission Limit
 FID flame-ionization detector.
 GC gas chromatograph.
 GC-ECD gas chromatograph with an electron-capture detector.
 IBP initial boiling point.
 ISO International Organization for Standardization.
 LPG liquefied petroleum gas.
 NDIR nondispersive infrared.
 NDUV nondispersive ultraviolet.
 NIST National Institute for Standards and Technology.
 PDP positive-displacement pump.
 PEMS portable emission measurement system.
 PFD partial-flow dilution.
 PMP Polymethylpentene.
 pt. a single point at the mean value expected at the standard.
 PTFE polytetrafluoroethylene (commonly known as Teflon™).
 RE rounding error.
 RMC ramped-modal cycle.
 RMS root-mean square.
 RTD resistive temperature detector.
 SSV subsonic venturi.
 SI spark-ignition.
 UCL upper confidence limit.
 UFM ultrasonic flow meter.
 U.S.C. United States Code.

[70 FR 40516, July 13, 2005, as amended at 73 FR 37346, June 30, 2008; 73 FR 59342, Oct. 8, 2008; 74 FR 56518, Oct. 30, 2009]

§ 1065.1010 Reference materials.

Documents listed in this section have been incorporated by reference into this part. The Director of the Federal Register approved the incorporation by reference as prescribed in 5 U.S.C. 552(a) and 1 CFR part 51. Anyone may inspect copies at the U.S. EPA, Air and Radiation Docket and Information Center, 1301 Constitution Ave., NW., Room B102, EPA West Building, Washington, DC 20460 or at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

(a) *ASTM material.* Table 1 of this section lists material from the American Society for Testing and Materials that we have incorporated by reference. The first column lists the number and name of the material. The second column lists the sections of this part where we reference it. Anyone may purchase copies of these materials from the American Society for Testing and Materials, 100 Barr Harbor Dr., P.O. Box C700, West Conshohocken, PA 19380 or www.astm.com. Table 1 follows:

TABLE 1 OF § 1065.1010.—ASTM MATERIALS

Document No. and name	Part 1065 reference
ASTM D86–07a, Standard Test Method for Distillation of Petroleum Products at Atmospheric Pressure	1065.703, 1065.710
ASTM D93–07, Standard Test Methods for Flash Point by Pensky-Martens Closed Cup Tester	1065.703
ASTM D445–06, Standard Test Method for Kinematic Viscosity of Transparent and Opaque Liquids (and the Calculation of Dynamic Viscosity)	1065.703
ASTM D613–05, Standard Test Method for Cetane Number of Diesel Fuel Oil	1065.703
ASTM D910–07, Standard Specification for Aviation Gasolines	1065.701
ASTM D975–07b, Standard Specification for Diesel Fuel Oils	1065.701
ASTM D1267–02 (Reapproved 2007), Standard Test Method for Gage Vapor Pressure of Liquefied Petroleum (LP) Gases (LP-Gas Method)	1065.720
ASTM D1319–03, Standard Test Method for Hydrocarbon Types in Liquid Petroleum Products by Fluorescent Indicator Adsorption	1065.710
ASTM D1655–07e01, Standard Specification for Aviation Turbine Fuels	1065.701
ASTM D1837–02a (Reapproved 2007), Standard Test Method for Volatility of Liquefied Petroleum (LP) Gases	1065.720
ASTM D1838–07, Standard Test Method for Copper Strip Corrosion by Liquefied Petroleum (LP) Gases	1065.720
ASTM D1945–03, Standard Test Method for Analysis of Natural Gas by Gas Chromatography	1065.715
ASTM D2158–05, Standard Test Method for Residues in Liquefied Petroleum (LP) Gases	1065.720
ASTM D2163–05, Standard Test Method for Analysis of Liquefied Petroleum (LP) Gases and Propene Concentrates by Gas Chromatography	1065.720
ASTM D2598–02 (Reapproved 2007), Standard Practice for Calculation of Certain Physical Properties of Liquefied Petroleum (LP) Gases from Compositional Analysis	1065.720
ASTM D2622–07, Standard Test Method for Sulfur in Petroleum Products by Wavelength Dispersive X-ray Fluorescence Spectrometry	1065.703, 1065.710
ASTM D2713–91 (Reapproved 2001), Standard Test Method for Dryness of Propane (Valve Freeze Method)	1065.720
ASTM D2784–06, Standard Test Method for Sulfur in Liquefied Petroleum Gases (Oxy-Hydrogen Burner or Lamp)	1065.720
ASTM D2880–03, Standard Specification for Gas Turbine Fuel Oils	1065.701

TABLE 1 OF § 1065.1010.—ASTM MATERIALS—Continued

Document No. and name	Part 1065 reference
ASTM D2986–95a (Reapproved 1999), Standard Practice for Evaluation of Air Assay Media by the Monodisperse DOP (Diethyl Phthalate) Smoke Test	1065.170
ASTM D3231–07, Standard Test Method for Phosphorus in Gasoline	1065.710
ASTM D3237–06e01, Standard Test Method for Lead in Gasoline By Atomic Absorption Spectroscopy	1065.710
ASTM D4052–96e01 (Reapproved 2002), Standard Test Method for Density and Relative Density of Liquids by Digital Density Meter	1065.703
ASTM D4814–07a, Standard Specification for Automotive Spark-Ignition Engine Fuel	1065.701
ASTM D5186–03, Standard Test Method for Determination of the Aromatic Content and Polynuclear Aromatic Content of Diesel Fuels and Aviation Turbine Fuels By Supercritical Fluid Chromatography	1065.703
ASTM D5191–07, Standard Test Method for Vapor Pressure of Petroleum Products (Mini Method)	1065.710
ASTM D5797–07, Standard Specification for Fuel Methanol (M70–M85) for Automotive Spark-Ignition Engines	1065.701
ASTM D5798–07, Standard Specification for Fuel Ethanol (Ed75–Ed85) for Automotive Spark-Ignition Engines	1065.701
ASTM D6615–06, Standard Specification for Jet B Wide-Cut Aviation Turbine Fuel	1065.701
ASTM D6751–07b, Standard Specification for Biodiesel Fuel Blend Stock (B100) for Middle Distillate Fuels	1065.701
ASTM D6985–04a, Standard Specification for Middle Distillate Fuel Oil—Military Marine Applications	1065.701
ASTM F1471–93 (Reapproved 2001), Standard Test Method for Air Cleaning Performance of a High-Efficiency Particulate Air Filter System	1065.1001

(b) *ISO material*. Table 2 of this section lists material from the International Organization for Standardization that we have incorporated by reference. The first column lists the number and name of the material. The second column lists the section of this

part where we reference it. Anyone may purchase copies of these materials from the International Organization for Standardization, Case Postale 56, CH-1211 Geneva 20, Switzerland or www.iso.org. Table 2 follows:

TABLE 2 OF § 1065.1010—ISO MATERIALS

Document No. and name	Part 1065 reference
ISO 2719:2002, Determination of flash point—Pensky-Martens closed cup method	1065.705
ISO 3016:1994, Petroleum products—Determination of pour point	1065.705
ISO 3104:1994/Cor 1:1997, Petroleum products—Transparent and opaque liquids—Determination of kinematic viscosity and calculation of dynamic viscosity	1065.705
ISO 3675:1998, Crude petroleum and liquid petroleum products—Laboratory determination of density—Hydrometer method	1065.705
ISO 3733:1999, Petroleum products and bituminous materials—Determination of water—Distillation method	1065.705
ISO 6245:2001, Petroleum products—Determination of ash	1065.705
ISO 8217:2005, Petroleum products—Fuels (class F)—Specifications of marine fuels	1065.705
ISO 8754:2003, Petroleum products—Determination of sulfur content—Energy-dispersive X-ray fluorescence spectrometry	1065.705
ISO 10307–2:1993, Petroleum products—Total sediment in residual fuel oils—Part 2: Determination using standard procedures for ageing	1065.705
ISO 10370:1993/Cor 1:1996, Petroleum products—Determination of carbon residue—Micro method	1065.705
ISO 10478:1994, Petroleum products—Determination of aluminium and silicon in fuel oils—Inductively coupled plasma emission and atomic absorption spectroscopy methods	1065.705
ISO 12185:1996/Cor 1:2001, Crude petroleum and petroleum products—Determination of density—Oscillating U-tube method	1065.705
ISO 14596:2007, Petroleum products—Determination of sulfur content—Wavelength-dispersive X-ray fluorescence spectrometry	1065.705
ISO 14597:1997, Petroleum products—Determination of vanadium and nickel content—Wavelength-dispersive X-ray fluorescence spectrometry	1065.705
ISO 14644–1:1999, Cleanrooms and associated controlled environments	1065.190

(c) *NIST material*. Table 3 of this section lists material from the National Institute of Standards and Technology that we have incorporated by reference. The first column lists the number and name of the material. The second column lists the section of this

part where we reference it. Anyone may purchase copies of these materials from the Government Printing Office, Washington, DC 20402 or download them free from the Internet at www.nist.gov. Table 3 follows:

TABLE 3 OF § 1065.1010—NIST MATERIALS

Document No. and name	Part 1065 reference
ISONIST Special Publication 811, 1995 Edition, Guide for the Use of the International System of Units (SI), Barry N. Taylor, Physics Laboratory.	1065.20, 1065.1001, 1065.1005
NIST Technical Note 1297, 1994 Edition, Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Results, Barry N. Taylor and Chris E. Kuyatt.	1065.1001

(d) *SAE material.* Table 4 of this section lists material from the Society of Automotive Engineering that we have incorporated by reference. The first column lists the number and name of the material. The second column lists

the sections of this part where we reference it. Anyone may purchase copies of these materials from the Society of Automotive Engineers, 400 Commonwealth Drive, Warrendale, PA 15096 or <http://www.sae.org>. Table 4 follows:

TABLE 4 OF § 1065.1010—SAE MATERIAL

Document number and name	Part 1065 reference
"Optimization of Flame Ionization Detector for Determination of Hydrocarbon in Diluted Automotive Exhausts," Reschke Glen D., SAE 770141	1065.360

(e) *California Air Resources Board material.* Table 5 of this section lists material from the California Air Resources Board that we have incorporated by reference. The first column lists the number and name of the material. The

second column lists the sections of this part where we reference it. Anyone may get copies of these materials from the California Air Resources Board, 9528 Telstar Ave., El Monte, California 91731. Table 5 follows:

TABLE 5 OF § 1065.1010—CALIFORNIA AIR RESOURCES BOARD MATERIALS

Document No. and name	Part 1065 reference
"California Non-Methane Organic Gas Test Procedures," Amended July 30, 2002, Mobile Source Division, California Air Resources Board	1065.805

(f) *Institute of Petroleum material.* Table 6 of this section lists the Institute of Petroleum standard test methods material from the Energy Institute that we have incorporated by reference. The first column lists the number and name of the material. The sec-

ond column lists the section of this part where we reference it. Anyone may purchase copies of these materials from the Energy Institute, 61 New Cavendish Street, London, W1G 7AR, UK, +44 (0)20 7467 7100 or www.energyinst.org.uk. Table 6 follows:

TABLE 6 OF § 1065.1010—INSTITUTE OF PETROLEUM MATERIALS

Document No. and name	Part 1065 reference
IP-470, Determination of aluminum, silicon, vanadium, nickel, iron, calcium, zinc, and sodium in residual fuels by atomic absorption spectrometry	1065.705
IP-500, Determination of the phosphorus content of residual fuels by ultra-violet spectrometry	1065.705
IP-501, Determination of aluminum, silicon, vanadium, nickel, iron, sodium, calcium, zinc and phosphorus in residual fuel oil by ashing, fusion and inductively coupled plasma emission spectrometry	1065.705

Environmental Protection Agency

Pt. 1068

[73 FR 37347, June 30, 2008, as amended at 73 FR 59343, Oct. 8, 2008]

PART 1068—GENERAL COMPLIANCE PROVISIONS FOR ENGINE PROGRAMS

Subpart A—Applicability and Miscellaneous Provisions

Sec.

- 1068.1 Does this part apply to me?
- 1068.2 How does this part apply for engines and how does it apply for equipment?
- 1068.5 How must manufacturers apply good engineering judgment?
- 1068.10 What provisions apply to confidential information?
- 1068.15 What general provisions apply for EPA decision-making?
- 1068.20 May EPA enter my facilities for inspections?
- 1068.25 What information must I give to EPA?
- 1068.27 May EPA conduct testing with my production engines/equipment?
- 1068.30 What definitions apply to this part?
- 1068.31 What provisions apply to nonroad or stationary engines that change their status?
- 1068.35 What symbols, acronyms, and abbreviations does this part use?
- 1068.40 What special provisions apply for implementing changes in the regulations?
- 1068.45 General labeling provisions.
- 1068.95 What materials does this part reference?

Subpart B—Prohibited Actions and Related Requirements

- 1068.101 What general actions does this regulation prohibit?
- 1068.103 What are the provisions related to the duration and applicability of certificates of conformity?
- 1068.105 What other provisions apply to me specifically if I manufacture equipment needing certified engines?
- 1068.110 What other provisions apply to engines/equipment in service?
- 1068.115 When must manufacturers honor emission-related warranty claims?
- 1068.120 What requirements must I follow to rebuild engines?
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Subpart C—Exemptions and Exclusions

- 1068.201 Does EPA exempt or exclude any engines/equipment from the prohibited acts?
- 1068.210 What are the provisions for exempting test engines/equipment?

- 1068.215 What are the provisions for exempting manufacturer-owned engines/equipment?
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- 1068.230 What are the provisions for exempting engines/equipment for export?
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- 1068.245 What temporary provisions address hardship due to unusual circumstances?
- 1068.250 What are the provisions for extending compliance deadlines for small businesses under hardship?
- 1068.255 What are the provisions for exempting engines and fuel-system components for hardship for equipment manufacturers and secondary engine manufacturers?
- 1068.260 What general provisions apply for selling or shipping engines that are not yet in their certified configuration?
- 1068.261 What provisions apply for selling or shipping certified engines that are not yet in the certified configuration?
- 1068.262 What are the provisions for temporarily exempting engines for shipment to secondary engine manufacturers?
- 1068.265 What provisions apply to engines/equipment that are conditionally exempted from certification?

Subpart D—Imports 1068.301 What general provisions apply?

- 1068.305 How do I get an exemption or exclusion for imported engines/equipment?
- 1068.310 What are the exclusions for imported engines/equipment?
- 1068.315 What are the permanent exemptions for imported engines/equipment?
- 1068.325 What are the temporary exemptions for imported engines/equipment?
- 1068.335 What are the penalties for violations?
- 1068.360 What restrictions apply to assigning a model year to imported engines and equipment?

Subpart E—Selective Enforcement Auditing

- 1068.401 What is a selective enforcement audit?
- 1068.405 What is in a test order?
- 1068.410 How must I select and prepare my engines/equipment?
- 1068.415 How do I test my engines/equipment?
- 1068.420 How do I know when my engine family fails an SEA?